Title (en)

Mass spectrometric method and mass spectrometer

Title (de)

Massenspektrometrieverfahren und Massenspektrometer

Title (fr)

Procédé spectrométrique de masse et spectromètre de masse

Publication

EP 2498272 A1 20120912 (EN)

Application

EP 12154076 A 20120206

Priority

JP 2011047101 A 20110304

Abstract (en)

A variation in an ionization efficiency and the amount of sample which is introduced into an ion trap is corrected and quantified. Ions of an internal standard and ions of a sample are trapped in the ion trap at the same time, and a concentration of the sample is quantified according to an intensity of the ions of the internal standard which are mass-selectively ejected, and an intensity of fragment ions of the sample.

IPC 8 full level

H01J 49/00 (2006.01)

CPC (source: EP US)

H01J 49/0031 (2013.01 - EP US); **H01J 49/0045** (2013.01 - EP US)

Citation (applicant)

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EP2450942A3; CN108593759A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2498272 A1 20120912; **EP 2498272 B1 20171206**; CN 102655074 A 20120905; CN 102655074 B 20150930; JP 2012184975 A 20120927; JP 5675442 B2 20150225; US 2012223223 A1 20120906; US 9076638 B2 20150707

DOCDB simple family (application)

EP 12154076 A 20120206; CN 201210024742 A 20120206; JP 2011047101 A 20110304; US 201213365355 A 20120203